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APPLICATION NO	. [FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/702,444		11/07/2003	Gerrick S. Gehner	08350.1644-02	9713
22852	7590 01/13/2006			EXAMINER	
	AN, HE	ENDERSON, FAR	RAEVIS, ROBERT R		
LLP 901 NEW	YORK .	AVENUE, NW	ART UNIT	PAPER NUMBER	
WASHINGTON, DC 20001-4413				2856	
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DATE MAILED: 01/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under be provided on 37 of R 1.136(a). In or event, however, may a reply be timely flied where 10X (6) MONTHS from the mailing date of this communication. Failuse to preply within the set or extended period for reply will, by status, cause the application become ABANDONED (31 st. 25, 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely flied, may reduce any seared period for reply will, by status cause the application become ABANDONED (31 st. 25, 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely flied, may reduce any reduce any reduce any reduce any reduce any reduce any reduced any red		Application No.	Applicant(s)						
Robert R. Raevis 2556 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address - Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICK-IEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICK-IEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. False to step within the set or extended period for any of 3 of 2 FR. 130(4), in ne event, however, way a reply be intently field and state 3 to 3 (00 MONTHS from the mailing date of this communication. False to step within the set or extended period for any flut, by statute, cause in a splittorin to beam ABANDONE (5 u. St. 5, 13): asternate parent term adjustment. See 37 CFR 1,704(6) are mailing date of this communication, even if smely fluid, may reduce any accordance term adjustment. See 37 CFR 1,704(6) are mailing date of this communication, even if smely fluid, may reduce any accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 \(\text{Q}\) Claim(s) 1 = 68.17 and 22.35 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5 \(\text{Q}\) Claim(s) 1 = 68.17 and 22.35 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5 \(\text{Q}\) Claim(s) 1 = 68.17 and 22.35 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5 \(\text{Q}\) Claim(s) 2 1 is/are explected. 7 \(\text{Q}\) Claim(s) 2 1 is/are explected to. 8 \(\text{Q}\) Claim(s) 3 2 is/are pending in the application requirement. Application Papers 9 \(\text{The specification is objected to by the Examiner.} 10 \(\text{The specification is objected to by the Examiner.} 10 \(\text{The specification is objected to by the Examiner.} 10 \(\text{The specification is objected to by the Examiner.} 1	Office Action Summan	10/702,444	GEHNER ET AL.						
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3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. *Attachment(s) Notice of References Cited (PTO-892)	=		on No						
application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. *Attachment(s) Outline Durant									
* See the attached detailed Office action for a list of the certified copies not received. *Attachment(s) Outline Notice of Profession Profe			d III tilis National Stage						
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Paper No(s)/Mail Date Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Notice of Informal Patent Application (PTO-152)	Attachment(s)								
1) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)									
		6) Other:							

DETAILED ACTION

Claims 31 is rejected under 35 U.S.C. 102(b) as being anticipated by Yamasaki et al.

Yamasaki teach (Figure 1) an apparatus, including: first passages 13 that direct a first stram (DILUTION AIR), second passage 20; mix chamber (to right of orifice 7) with ends (from orifice 7 to tapered right hand side of element 5), the mix chamber being flow coupled to all of the passages, the mix chamber having an exit (right hand side of element 5) port; the mix chamber having absence of structure extending therein.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Art Unit: 2856

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert R. Raevis whose telephone number is 571-272-2204. The examiner can normally be reached on Monday to Friday from 5:30am to 3pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hezron Williams, can be reached on 571-272-2208. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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